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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/954,571

DATE: 05/05/2003

TIME: 09:39:04

Input Set : A:\6627-PA0123 Chien.txt
 Output Set: N:\CRF4\05052003\I954571.raw

3 <110> APPLICANT: Chien, Kenneth R
 4 Hoshijima, Masahiko
 5 Ross, John
 6 Ikeda, Yasuhiro
 8 <120> TITLE OF INVENTION: HIGH EFFICIENCY CARDIAC GENE TRANSFER
 10 <130> FILE REFERENCE: 6627-PA0123
 12 <140> CURRENT APPLICATION NUMBER: 09/954,571
 13 <141> CURRENT FILING DATE: 2001-09-11
 15 <150> PRIOR APPLICATION NUMBER: 60/231,821
 16 <151> PRIOR FILING DATE: 2000-11-09
 18 <160> NUMBER OF SEQ ID NOS: 5
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 52
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Mutant form of human protein sequence
 30 <400> SEQUENCE: 1
 32 Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Glu
 33 1 5 10 15
 36 Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Lys Leu Gln Asn Leu Phe
 37 20 25 30
 40 Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
 41 35 40 45
 44 Val Met Leu Leu
 45 50
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 52
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Homo sapiens
 53 <400> SEQUENCE: 2
 55 Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
 56 1 5 10 15
 59 Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Lys Leu Gln Asn Leu Phe
 60 20 25 30
 63 Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
 64 35 40 45
 67 Val Met Leu Leu
 68 50
 71 <210> SEQ ID NO: 3
 72 <211> LENGTH: 52
 73 <212> TYPE: PRT

ENTERED

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74 <213> ORGANISM: Canis familiaris
76 <400> SEQUENCE: 3
78 Met Asp Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
79 1 5 10 15
82 Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
83 20 25 30
86 Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
87 35 40 45
90 Val Met Leu Leu
91 50
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 52
96 <212> TYPE: PRT
97 <213> ORGANISM: Mus musculus
99 <400> SEQUENCE: 4
101 Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
102 1 5 10 15
105 Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
106 20 25 30
109 Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
110 35 40 45
113 Val Met Leu Leu
114 50
117 <210> SEQ ID NO: 5
118 <211> LENGTH: 52
119 <212> TYPE: PRT
120 <213> ORGANISM: Oryctolagus cuniculus
122 <400> SEQUENCE: 5
124 Met Glu Lys Val Gln Tyr Leu Thr Arg Ser Ala Ile Arg Arg Ala Ser
125 1 5 10 15
128 Thr Ile Glu Met Pro Gln Gln Ala Arg Gln Asn Leu Gln Asn Leu Phe
129 20 25 30
132 Ile Asn Phe Cys Leu Ile Leu Ile Cys Leu Leu Leu Ile Cys Ile Ile
133 35 40 45
136 Val Met Leu Leu
137 50

RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1

VERIFICATION SUMMARY

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